

## WEST Search History





DATE: Sunday, November 20, 2005

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	<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>		
<input type="checkbox"/>	L23	L7 and (slop\$3 or taper\$3 or ((vary\$3 or vari\$4 or chang\$3 or alter\$3 or different or separate or individual) with (diameter or radius)))	4
<input type="checkbox"/>	L22	L20 and (slop\$3 or taper\$3 or ((vary\$3 or vari\$4 or chang\$3 or alter\$3 or different or separate or individual) with (diameter or radius)))	1
<input type="checkbox"/>	L21	L20 and (slop\$3 or taper\$3 or ((vary\$3 or vari\$4 or chang\$3 or alter\$3) with (diameter or radius)))	1
<input type="checkbox"/>	L20	L19 and (field-of-view or "field of view" or "FOV" or "ROI" or (region with (interest or investigation)))	11
<input type="checkbox"/>	L19	L18 and (parallel or separat\$3 or independent\$2)	11
<input type="checkbox"/>	L18	L14 and (channel)	11
<input type="checkbox"/>	L17	L16 and (channel)	8
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<input type="checkbox"/>	L15	L14 and ((parallel with (imag\$3 or resonan\$3)) or "PI")	7
<input type="checkbox"/>	L14	L13 and ((neighbor\$4 or "adjacent" or "next") with (overlap\$4 or over-lap\$4))	14
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<input type="checkbox"/>	L12	L11 and (ring or loop or anulus or anular\$2 or rod or conduct\$2 or leg or segment\$3)	73
<input type="checkbox"/>	L11	L10 and (diameter or taper\$4)	76
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<input type="checkbox"/>	L9	L8 and (head or neck or skull or brain or cranium)	114
<input type="checkbox"/>	L8	L2 and (overlap\$4 or over-lap\$4)	202
<input type="checkbox"/>	L7	L6 and (ellipsoid\$4 or ellipse or eliptical\$3 or elliptical\$3)	5
<input type="checkbox"/>	L6	L5 and (diameter or taper\$4)	11
<input type="checkbox"/>	L5	L4 and (overlap\$4 or over-lap\$4)	13
<input type="checkbox"/>	L4	L3 and (head or neck or skull or brain or cranium)	37
<input type="checkbox"/>	L3	L2 and (dome or domed or (spherical with resonator) or end-cap\$4)	39
<input type="checkbox"/>	L2	L1 and (birdcage or "bird cage" or bird-cage)	758
<input type="checkbox"/>	L1	((magnetic adj resonance) or MRI or NMR)	215454

END OF SEARCH HISTORY

## Hit List

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Search Results - Record(s) 1 through 5 of 5 returned.

☐ 1. Document ID: US 20030071622 A1

Using default format because multiple data bases are involved.

L7: Entry 1 of 5

File: PGPB

Apr 17, 2003

PGPUB-DOCUMENT-NUMBER: 20030071622.

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030071622 A1

TITLE: Coil Structure with tapered conductive members for improved homogeneity in MRI

PUBLICATION-DATE: April 17, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Reisker, Theodore J.	Wexford	PA	US
Monski, William J.	Sewickley	PA	US
Reid, Eric D.	Farmington	PA	US
Misic, George J.	Allison Park	PA	US

US-CL-CURRENT: 324/318; 324/320

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	WWW	Drawings
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☐ 2. Document ID: US 6831460 B2

L7: Entry 2 of 5

File: USPT

Dec 14, 2004

US-PAT-NO: 6831460

DOCUMENT-IDENTIFIER: US 6831460 B2

TITLE: Coil structure with tapered conductive members for improved homogeneity in MRI

DATE-ISSUED: December 14, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Reisker, Theodore J.	Wexford	PA	15090	
Monski, William J.	Sewickley	PA	15143	
Reid, Eric D.	Farmington	PA	15437	

Misic; George J. Allison Park PA 15101

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Draw D
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☐ 3. Document ID: US 6344745 B1

L7: Entry 3 of 5

File: USPT

Feb 5, 2002

US-PAT-NO: 6344745

DOCUMENT-IDENTIFIER: US 6344745 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Tapered birdcage resonator for improved homogeneity in MRI

DATE-ISSUED: February 5, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Reisker; Theodore J.	Wexford	PA		
Monski; William J.	Sewickley	PA		
Reid; Eric D.	Farmington	PA		
Misic; George J.	Allison Park	PA		

US-CL-CURRENT: 324/318; 600/421

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Draw D
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☐ 4. Document ID: US 6029082 A

L7: Entry 4 of 5

File: USPT

Feb 22, 2000

US-PAT-NO: 6029082

DOCUMENT-IDENTIFIER: US 6029082 A

TITLE: Less-claustrophobic, quadrature, radio-frequency head coil for nuclear magnetic resonance

DATE-ISSUED: February 22, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Srinivasan; Ravi	Richmond Heights	OH		
Liu; Haiying	Minneapolis	MN		
Elek; Robert A.	Chardon	OH		

US-CL-CURRENT: 600/422; 324/318, 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	MMIC	Draw. U.
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☐ 5. Document ID: US 5602479 A

L7: Entry 5 of 5

File: USPT

Feb 11, 1997

US-PAT-NO: 5602479

DOCUMENT-IDENTIFIER: US 5602479 A

TITLE: Quadrature radio frequency coil for magnetic resonance imaging

DATE-ISSUED: February 11, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Srinivasan; Ravi	Richmond Hts.	OH		
Liu; Haiying	Euclid	OH		
Elek; Robert A.	Chardon	OH		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	MMIC	Draw. U.
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Term	Documents
ELLIPSE	47834
ELLIPSES	10204
ELLIPSOID\$4	0
ELLIPSOID	13743
ELLIPSOIDA	25
ELLIPSOIDAA	1
ELLIPSOIDABY	1
ELLIPSOIDAE	1
ELLIPSOIDAI	14
ELLIPSOIDAJ	1
ELLIPSOIDAL	17555
(L6 AND (ELLIPSOID\$4 OR ELLIPSE OR ELIPTICAL\$3 OR ELLIPTICAL\$3)).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	5

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Display Format:

## Hit List

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Search Results - Record(s) 1 through 14 of 14 returned.

☐ 1. Document ID: US 20050107686 A1

Using default format because multiple data bases are involved.

L14: Entry 1 of 14

File: PGPB

May 19, 2005

PGPUB-DOCUMENT-NUMBER: 20050107686

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050107686 A1

TITLE: RF array coil system and method for magnetic resonance imaging

PUBLICATION-DATE: May 19, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Chan, Pei H.	Aurora	OH	US
Petropoulos, Labros	Burton	OH	US

US-CL-CURRENT: 600/422

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 2. Document ID: US 20050062472 A1

L14: Entry 2 of 14

File: PGPB

Mar 24, 2005

PGPUB-DOCUMENT-NUMBER: 20050062472

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050062472 A1

TITLE: Mri tunable antenna and system

PUBLICATION-DATE: March 24, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Bottomley, Paul Arthur	Columbia	MD	US

US-CL-CURRENT: 324/317; 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 3. Document ID: US 20040220469 A1

L14: Entry 3 of 14

File: PGPB

Nov 4, 2004

PGPUB-DOCUMENT-NUMBER: 20040220469

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040220469 A1

TITLE: Knee-foot coil with improved homogeneity

PUBLICATION-DATE: November 4, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Jevtic, Jovan	West Allis	WI	US
Seeber, Derek	Wauwatosa	WI	US
Menon, Ashok	Milwaukee	WI	US

US-CL-CURRENT: 600/422

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 4. Document ID: US 20030160622 A1

L14: Entry 4 of 14

File: PGPB

Aug 28, 2003

PGPUB-DOCUMENT-NUMBER: 20030160622

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030160622 A1

TITLE: Method and apparatus for noise tomography

PUBLICATION-DATE: August 28, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Duensing, G. Randy	Gainesville	FL	US
Saylor, Charles	Gainesville	FL	US
Huang, Feng	Gainesville	FL	US

US-CL-CURRENT: 324/691; 374/137, 702/130, 702/57

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 5. Document ID: US 6865494 B2

L14: Entry 5 of 14

File: USPT

Mar 8, 2005

US-PAT-NO: 6865494

DOCUMENT-IDENTIFIER: US 6865494 B2

TITLE: Method and apparatus for noise tomography

DATE-ISSUED: March 8, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Duensing; G. Randy	Gainesville	FL		
Saylor; Charles	Gainesville	FL		
Huang; Feng	Gainesville	FL		

US-CL-CURRENT: 702/38; 324/439, 324/633, 324/722, 600/409, 600/411, 702/104,  
702/179, 702/198, 73/335.05

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 6. Document ID: US 6850064 B1

L14: Entry 6 of 14

File: USPT

Feb 1, 2005

US-PAT-NO: 6850064

DOCUMENT-IDENTIFIER: US 6850064 B1

TITLE: Radio-frequency coil array for resonance imaging analysis

DATE-ISSUED: February 1, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Srinivasan; Ravi	Cleveland Heights	OH		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 7. Document ID: US 6784665 B1

L14: Entry 7 of 14

File: USPT

Aug 31, 2004

US-PAT-NO: 6784665

DOCUMENT-IDENTIFIER: US 6784665 B1

TITLE: Multiple degree of freedom adjustable MRI radio frequency array coil system

DATE-ISSUED: August 31, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chan; Pei Hsuan	Aurora	OH		
Zou; Mark Xueming	Aurora	OH		
Lute, Jr.; Richard Calvin	Mogadore	OH		

Masiella; Scott Anthony

Silver Lake

OH

US-CL-CURRENT: 324/318; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 8. Document ID: US 6714013 B2

L14: Entry 8 of 14

File: USPT

Mar 30, 2004

US-PAT-NO: 6714013

DOCUMENT-IDENTIFIER: US 6714013 B2

**\*\* See image for Certificate of Correction \*\***TITLE: Magnetic resonance imaging receiver/transmitter coils

DATE-ISSUED: March 30, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Misic; George J.	Allison Park	PA		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 9. Document ID: US 6636040 B1

L14: Entry 9 of 14

File: USPT

Oct 21, 2003

US-PAT-NO: 6636040

DOCUMENT-IDENTIFIER: US 6636040 B1

TITLE: MRI antenna

DATE-ISSUED: October 21, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Eydelman; Gregory	West Hempstead	NY		

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 10. Document ID: US 6608480 B1

L14: Entry 10 of 14

File: USPT

Aug 19, 2003



US-PAT-NO: 6608480  
DOCUMENT-IDENTIFIER: US 6608480 B1

TITLE: RF coil for homogeneous quadrature transmit and multiple channel receive

DATE-ISSUED: August 19, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Weyers; Daniel J.	Wauwatosa	WI		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	DOC	Drawings
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☐ 11. Document ID: US 6177797 B1

L14: Entry 11 of 14

File: USPT

Jan 23, 2001

US-PAT-NO: 6177797  
DOCUMENT-IDENTIFIER: US 6177797 B1

TITLE: Radio-frequency coil and method for resonance/imaging analysis

DATE-ISSUED: January 23, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Srinivasan; Ravi	Richmond Heights	OH		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	DOC	Drawings
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☐ 12. Document ID: US 6150816 A

L14: Entry 12 of 14

File: USPT

Nov 21, 2000

US-PAT-NO: 6150816  
DOCUMENT-IDENTIFIER: US 6150816 A

TITLE: Radio-frequency coil array for resonance analysis

DATE-ISSUED: November 21, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Srinivasan; Ravi	Richmond Heights	OH		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Draw D.
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☐ 13. Document ID: US 5453692 A

L14: Entry 13 of 14

File: USPT

Sep 26, 1995

US-PAT-NO: 5453692

DOCUMENT-IDENTIFIER: US 5453692 A

TITLE: RF probe for nuclear magnetic resonance imaging (MRI) devices

DATE-ISSUED: September 26, 1995

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Takahashi; Tetsuhiko	Soka			JP
Matsunaga; Yoshikuni	Kashiwa			JP
Yamamoto; Etsuji	Akishima			JP
Itagaki; Hiroyuki	Kokubunji			JP

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Draw D.
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☐ 14. Document ID: US 5258717 A

L14: Entry 14 of 14

File: USPT

Nov 2, 1993

US-PAT-NO: 5258717

DOCUMENT-IDENTIFIER: US 5258717 A

TITLE: Geometrically isolated multiple port volume MRI receiving coil comprising multiple quadrature coils

DATE-ISSUED: November 2, 1993

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Misic; George J.	Novelty	OH		
Reid; Eric D.	Turtle Creek	PA		

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Draw D.
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Term	Documents
ADJACENT	3452669
ADJACENTS	285
NEXT	2189800
NEXTS	55
NEIGHBOR\$4	0
NEIGHBOR	28579
NEIGHBORA	6
NEIGHBORAIL	2
NEIGHBORAND	1
NEIGHBORAOOD	1
NEIGHBORARE	1
(L13 AND ((NEIGHBOR\$4 OR "ADJACENT" OR "NEXT") WITH (OVERLAP\$4 OR OVERLAP\$4))) .PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	14

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Search Results - Record(s) 1 through 7 of 7 returned.

☐ 1. Document ID: US 20050107686 A1

Using default format because multiple data bases are involved.

L15: Entry 1 of 7

File: PGPB

May 19, 2005

PGPUB-DOCUMENT-NUMBER: 20050107686

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050107686 A1

TITLE: RF array coil system and method for magnetic resonance imaging

PUBLICATION-DATE: May 19, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Chan, Pei H.	Aurora	OH	US
Petropoulos, Labros	Burton	OH	US

US-CL-CURRENT: 600/422

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw. D.
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☐ 2. Document ID: US 20050062472 A1

L15: Entry 2 of 7

File: PGPB

Mar 24, 2005

PGPUB-DOCUMENT-NUMBER: 20050062472

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050062472 A1

TITLE: Mri tunable antenna and system

PUBLICATION-DATE: March 24, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Bottomley, Paul Arthur	Columbia	MD	US

US-CL-CURRENT: 324/317; 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw. D.
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☐ 3. Document ID: US 20030160622 A1

L15: Entry 3 of 7

File: PGPB

Aug 28, 2003

PGPUB-DOCUMENT-NUMBER: 20030160622  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030160622 A1

TITLE: Method and apparatus for noise tomography

PUBLICATION-DATE: August 28, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Duensing, G. Randy	Gainesville	FL	US
Saylor, Charles	Gainesville	FL	US
Huang, Feng	Gainesville	FL	US

US-CL-CURRENT: 324/691; 374/137, 702/130, 702/57

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 4. Document ID: US 6865494 B2

L15: Entry 4 of 7

File: USPT

Mar 8, 2005

US-PAT-NO: 6865494  
DOCUMENT-IDENTIFIER: US 6865494 B2

TITLE: Method and apparatus for noise tomography

DATE-ISSUED: March 8, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Duensing; G. Randy	Gainesville	FL		
Saylor; Charles	Gainesville	FL		
Huang; Feng	Gainesville	FL		

US-CL-CURRENT: 702/38; 324/439, 324/633, 324/722, 600/409, 600/411, 702/104,  
702/179, 702/198, 73/335.05

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 5. Document ID: US 6636040 B1

L15: Entry 5 of 7

File: USPT

Oct 21, 2003

US-PAT-NO: 6636040  
DOCUMENT-IDENTIFIER: US 6636040 B1

TITLE: MRI antenna

DATE-ISSUED: October 21, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Eydelman; Gregory	West Hempstead	NY		

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 6. Document ID: US 6608480 B1

L15: Entry 6 of 7

File: USPT

Aug 19, 2003

US-PAT-NO: 6608480

DOCUMENT-IDENTIFIER: US 6608480 B1

TITLE: RF coil for homogeneous quadrature transmit and multiple channel receive

DATE-ISSUED: August 19, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Weyers; Daniel J.	Wauwatosa	WI		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 7. Document ID: US 5258717 A

L15: Entry 7 of 7

File: USPT

Nov 2, 1993

US-PAT-NO: 5258717

DOCUMENT-IDENTIFIER: US 5258717 A

TITLE: Geometrically isolated multiple port volume MRI receiving coil comprising multiple quadrature coils

DATE-ISSUED: November 2, 1993

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Misic; George J.	Novelty	OH		
Reid; Eric D.	Turtle Creek	PA		

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	AMC	USPTO
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Term	Documents
PARALLEL	3341510
PARALLELS	18024
PI	1637890
PIS	48322
IMAG\$3	0
IMAG	5336
IMAGA	101
IMAGAE	16
IMAGAES	5
IMAGAGE	4
IMAGAIN	2
(L14 AND ((PARALLEL WITH (IMAG\$3 OR RESONAN\$3)) OR "PI") ) .PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	7

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Search Results - Record(s) 1 through 11 of 11 returned.

☐ 1. Document ID: US 20050107686 A1

Using default format because multiple data bases are involved.

L19: Entry 1 of 11

File: PGPB

May 19, 2005

PGPUB-DOCUMENT-NUMBER: 20050107686

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050107686 A1

TITLE: RF array coil system and method for magnetic resonance imaging

PUBLICATION-DATE: May 19, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Chan, Pei H.	Aurora	OH	US
Petropoulos, Labros	Burton	OH	US

US-CL-CURRENT: 600/422

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Data</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">KMC</a>	<a href="#">Draw D</a>
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☐ 2. Document ID: US 20050062472 A1

L19: Entry 2 of 11

File: PGPB

Mar 24, 2005

PGPUB-DOCUMENT-NUMBER: 20050062472

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050062472 A1

TITLE: Mri tunable antenna and system

PUBLICATION-DATE: March 24, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Bottomley, Paul Arthur	Columbia	MD	US

US-CL-CURRENT: 324/317; 324/318

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Data</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">KMC</a>	<a href="#">Draw D</a>
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☐ 3. Document ID: US 20030160622 A1

L19: Entry 3 of 11

File: PGPB

Aug 28, 2003

PGPUB-DOCUMENT-NUMBER: 20030160622  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030160622 A1

TITLE: Method and apparatus for noise tomography

PUBLICATION-DATE: August 28, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Duensing, G. Randy	Gainesville	FL	US
Saylor, Charles	Gainesville	FL	US
Huang, Feng	Gainesville	FL	US

US-CL-CURRENT: 324/691; 374/137, 702/130, 702/57

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	Keywords	Drawings
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☐ 4. Document ID: US 6865494 B2

L19: Entry 4 of 11

File: USPT

Mar 8, 2005

US-PAT-NO: 6865494  
DOCUMENT-IDENTIFIER: US 6865494 B2

TITLE: Method and apparatus for noise tomography

DATE-ISSUED: March 8, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Duensing, G. Randy	Gainesville	FL		
Saylor, Charles	Gainesville	FL		
Huang, Feng	Gainesville	FL		

US-CL-CURRENT: 702/38; 324/439, 324/633, 324/722, 600/409, 600/411, 702/104,  
702/179, 702/198, 73/335.05

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	Keywords	Drawings
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☐ 5. Document ID: US 6850064 B1

L19: Entry 5 of 11

File: USPT

Feb 1, 2005

US-PAT-NO: 6850064  
DOCUMENT-IDENTIFIER: US 6850064 B1

TITLE: Radio-frequency coil array for resonance imaging analysis

DATE-ISSUED: February 1, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Srinivasan; Ravi	Cleveland Heights	OH		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	IMC	Draw D
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☐ 6. Document ID: US 6784665 B1

L19: Entry 6 of 11

File: USPT

Aug 31, 2004

US-PAT-NO: 6784665

DOCUMENT-IDENTIFIER: US 6784665 B1

TITLE: Multiple degree of freedom adjustable MRI radio frequency array coil system

DATE-ISSUED: August 31, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chan; Pei Hsuon	Aurora	OH		
Zou; Mark Xueming	Aurora	OH		
Lute, Jr.; Richard Calvin	Mogadore	OH		
Masiella; Scott Anthony	Silver Lake	OH		

US-CL-CURRENT: 324/318; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	IMC	Draw D
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☐ 7. Document ID: US 6714013 B2

L19: Entry 7 of 11

File: USPT

Mar 30, 2004

US-PAT-NO: 6714013

DOCUMENT-IDENTIFIER: US 6714013 B2

**\*\* See image for Certificate of Correction \*\***

TITLE: Magnetic resonance imaging receiver/transmitter coils

DATE-ISSUED: March 30, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Misic; George J.	Allison Park	PA		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	MMC	Draw. U.
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☐ 8. Document ID: US 6608480 B1

L19: Entry 8 of 11

File: USPT

Aug 19, 2003

US-PAT-NO: 6608480

DOCUMENT-IDENTIFIER: US 6608480 B1

TITLE: RF coil for homogeneous quadrature transmit and multiple channel receive

DATE-ISSUED: August 19, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Weyers; Daniel J.	Wauwatosa	WI		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	MMC	Draw. U.
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☐ 9. Document ID: US 6177797 B1

L19: Entry 9 of 11

File: USPT

Jan 23, 2001

US-PAT-NO: 6177797

DOCUMENT-IDENTIFIER: US 6177797 B1

TITLE: Radio-frequency coil and method for resonance/imaging analysis

DATE-ISSUED: January 23, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Srinivasan; Ravi	Richmond Heights	OH		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	MMC	Draw. U.
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☐ 10. Document ID: US 6150816 A

L19: Entry 10 of 11

File: USPT

Nov 21, 2000

US-PAT-NO: 6150816

DOCUMENT-IDENTIFIER: US 6150816 A

TITLE: Radio-frequency coil array for resonance analysis

DATE-ISSUED: November 21, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Srinivasan; Ravi	Richmond Heights	OH		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIG	Draw D
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☐ 11. Document ID: US 5258717 A

L19: Entry 11 of 11

File: USPT

Nov 2, 1993

US-PAT-NO: 5258717

DOCUMENT-IDENTIFIER: US 5258717 A

TITLE: Geometrically isolated multiple port volume MRI receiving coil comprising multiple quadrature coils

DATE-ISSUED: November 2, 1993

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Misic; George J.	Novelty	OH		
Reid; Eric D.	Turtle Creek	PA		

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIG	Draw D
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Term	Documents
PARALLEL	3341510
PARALLELS	18024
SEPARAT\$3	0
SEPARAT	25360
SEPARATA	417
SEPARATAA	2
SEPARATAB	1
SEPARATABE	1
SEPARATABL	2
SEPARATAC	2

SEPARATACD	1
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☐ 1. Document ID: US 20050107686 A1

Using default format because multiple data bases are involved.

L20: Entry 1 of 11

File: PGPB

May 19, 2005

PGPUB-DOCUMENT-NUMBER: 20050107686

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050107686 A1

TITLE: RF array coil system and method for magnetic resonance imaging

PUBLICATION-DATE: May 19, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Chan, Pei H.	Aurora	OH	US
Petropoulos, Labros	Burton	OH	US

US-CL-CURRENT: 600/422

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 2. Document ID: US 20050062472 A1

L20: Entry 2 of 11

File: PGPB

Mar 24, 2005

PGPUB-DOCUMENT-NUMBER: 20050062472

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050062472 A1

TITLE: Mri tunable antenna and system

PUBLICATION-DATE: March 24, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Bottomley, Paul Arthur	Columbia	MD	US

US-CL-CURRENT: 324/317; 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 3. Document ID: US 20030160622 A1

L20: Entry 3 of 11

File: PGPB

Aug 28, 2003

PGPUB-DOCUMENT-NUMBER: 20030160622

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030160622 A1

TITLE: Method and apparatus for noise tomography

PUBLICATION-DATE: August 28, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Duensing, G. Randy	Gainesville	FL	US
Saylor, Charles	Gainesville	FL	US
Huang, Feng	Gainesville	FL	US

US-CL-CURRENT: 324/691; 374/137, 702/130, 702/57

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 4. Document ID: US 6865494 B2

L20: Entry 4 of 11

File: USPT

Mar 8, 2005

US-PAT-NO: 6865494

DOCUMENT-IDENTIFIER: US 6865494 B2

TITLE: Method and apparatus for noise tomography

DATE-ISSUED: March 8, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Duensing; G. Randy	Gainesville	FL		
Saylor; Charles	Gainesville	FL		
Huang; Feng	Gainesville	FL		

US-CL-CURRENT: 702/38; 324/439, 324/633, 324/722, 600/409, 600/411, 702/104,  
702/179, 702/198, 73/335.05

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 5. Document ID: US 6850064 B1

L20: Entry 5 of 11

File: USPT

Feb 1, 2005

US-PAT-NO: 6850064

DOCUMENT-IDENTIFIER: US 6850064 B1

TITLE: Radio-frequency coil array for resonance imaging analysis

DATE-ISSUED: February 1, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Srinivasan; Ravi	Cleveland Heights	OH		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 6. Document ID: US 6784665 B1

L20: Entry 6 of 11

File: USPT

Aug 31, 2004

US-PAT-NO: 6784665

DOCUMENT-IDENTIFIER: US 6784665 B1

TITLE: Multiple degree of freedom adjustable MRI radio frequency array coil system

DATE-ISSUED: August 31, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chan; Pei Hsuon	Aurora	OH		
Zou; Mark Xueming	Aurora	OH		
Lute, Jr.; Richard Calvin	Mogadore	OH		
Masiella; Scott Anthony	Silver Lake	OH		

US-CL-CURRENT: 324/318; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 7. Document ID: US 6714013 B2

L20: Entry 7 of 11

File: USPT

Mar 30, 2004

US-PAT-NO: 6714013

DOCUMENT-IDENTIFIER: US 6714013 B2

**\*\* See image for Certificate of Correction \*\***

TITLE: Magnetic resonance imaging receiver/transmitter coils

DATE-ISSUED: March 30, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Misic; George J.	Allison Park	PA		



US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	PMC	Draw D.
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☐ 8. Document ID: US 6608480 B1

L20: Entry 8 of 11

File: USPT

Aug 19, 2003

US-PAT-NO: 6608480

DOCUMENT-IDENTIFIER: US 6608480 B1

TITLE: RF coil for homogeneous quadrature transmit and multiple channel receive

DATE-ISSUED: August 19, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Weyers; Daniel J.	Wauwatosa	WI		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	PMC	Draw D.
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☐ 9. Document ID: US 6177797 B1

L20: Entry 9 of 11

File: USPT

Jan 23, 2001

US-PAT-NO: 6177797

DOCUMENT-IDENTIFIER: US 6177797 B1

TITLE: Radio-frequency coil and method for resonance/imaging analysis

DATE-ISSUED: January 23, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Srinivasan; Ravi	Richmond Heights	OH		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	PMC	Draw D.
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☐ 10. Document ID: US 6150816 A

L20: Entry 10 of 11

File: USPT

Nov 21, 2000

US-PAT-NO: 6150816

DOCUMENT-IDENTIFIER: US 6150816 A

TITLE: Radio-frequency coil array for resonance analysis

DATE-ISSUED: November 21, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Srinivasan; Ravi	Richmond Heights	OH		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	FIG	Draw D
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☐ 11. Document ID: US 5258717 A

L20: Entry 11 of 11

File: USPT

Nov 2, 1993

US-PAT-NO: 5258717

DOCUMENT-IDENTIFIER: US 5258717 A

TITLE: Geometrically isolated multiple port volume MRI receiving coil comprising multiple quadrature coils

DATE-ISSUED: November 2, 1993

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Misic; George J.	Novelty	OH		
Reid; Eric D.	Turtle Creek	PA		

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	FIG	Draw D
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Term	Documents
FIELD-OF-VIEW	4848
FIELD-OF-VIEWS	95
"FIELD OF VIEW"	0
FOV	6425
FOVS	444
ROI	46501
ROIS	1985
REGION	1841123
REGIONS	855102
INTEREST	550024

INTERESTS	26389
(L19 AND (FIELD-OF-VIEW OR "FIELD OF VIEW" OR "FOV" OR "ROI" OR (REGION WITH (INTEREST OR INVESTIGATION))) ).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	11

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☐ 1. Document ID: US 20050107686 A1

Using default format because multiple data bases are involved.

L22: Entry 1 of 1

File: PGPB

May 19, 2005

PGPUB-DOCUMENT-NUMBER: 20050107686

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050107686 A1

TITLE: RF array coil system and method for magnetic resonance imaging

PUBLICATION-DATE: May 19, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Chan, Pei H.	Aurora	OH	US
Petropoulos, Labros	Burton	OH	US

US-CL-CURRENT: 600/422

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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Term	Documents
DIFFERENT	4692390
DIFFERENTS	285
SEPARATE	2768194
SEPARATES	326743
INDIVIDUAL	1891271
INDIVIDUALS	159431
DIAMETER	2529842
DIA	355126
DIAMETERS	402312
DIAM	51160
RADIUS	558247

(L20 AND (SLOP\$3 OR TAPER\$3 OR ((VARY\$3 OR VARI\$4 OR CHANG\$3 OR ALTER\$3 OR DIFFERENT OR SEPARATE OR INDIVIDUAL) WITH (DIAMETER OR RADIUS) ))) .PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	1
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